BRUHAT BANGALORE MAHANAGARA PALIKE

Name of work: Improvements to Roads And Drains at Muneshwara Nagar and Surrounding Area in Ward No.05 Jakkur

BYATARAYANAPURA DIVISION

EMB

1st & Final Bill

Name of Contractor : Sri. Umesh N
Estimated Cost:97.00 Lakh
Job Code: 005-21-000019

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BRUHATH BANGALORE MAHANAGARAPALIKE
BYATARAYANAPURA DIVISION
1ST AND FINAL BILL

Name of work: Improvements to Roads And Drains at Muneshwara Nagar and Surrounding Area in Ward No.05 Jakkur

Work Order No: BBMP / EE/ BTP/ W.O /18/2021-22 dt: 14-07-2021
JOB NUMBER: 005-21-000019
Estimate Cost: 97.00 Lakhs
As No: AS/EE(BTP)/52/2020-21 dt:24-11-2020
Ts No :TS/ SE(YNK) /51/2020-21 dt :02-12-2020
Name of Contractor : Sri. Umesh N

Item No	Description of Item	No	Length	Breadth	D1	D2	Avg Depth	Unit	Qty	Rate in Rs	Amount
1	Earthwork excavation by manual means for roads, drains & similar works in ordinary soil invoiving , excavated surface leveled & sides neatly dressed , the disposed earth to be levelled neatly after breaking of clods complete as per specification.										282411.00
	Qty Taken from Pre measurement page Item No. 1, page No.1to2							**Cum**	**1255.16**	**225.00**	**282410.10**
2	Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications.										1291869.00
	Qty Taken from Pre measurement page Item No. 2, Page No.3to4							**Cum**	**229.87**	**5620.00**	**1291880.64**
3	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. with 20mm and down size granite metal coarse aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compacted for walls and bottom including centering, shuttering, cost of materials, HOM of machinery, curing etc., complete excluding cost of steel as per MORTH specification No. 1500, 1700, 2200. including cost of materials, labour, HOM complete as per specificationsdo- Wall & bottom thickness 15cm										
	For RCC Bottom Raft										
	For RCC Drain										
	Muneshwara Nagara										
	Govt Primery School Road From Dead End to Main Road										
	LHS										
		1	30.00	0.95	0.15	0.15	0.15		4.28		
		1	25.30	0.95	0.15	0.15	0.15		3.61		
	RHS										
		1	30.00	0.95	0.15	0.15	0.15		4.28		
		1	25.30	0.95	0.15	0.15	0.15		3.61		
	4th A Cross road From 4th Cross										
	RHS	1	26.70	0.95	0.15	0.15	0.15		3.80		
		1	25.00	0.95	0.15	0.15	0.15		3.56		
	Cross Road-1 From 4th A Cross road										
	LHS										
		1	30.00	0.95	0.15	0.15	0.15		4.28		
		1	22.00	0.95	0.15	0.15	0.15		3.14		
	RHS										
		1	30.00	0.95	0.15	0.15	0.15		4.28		
		1	20.00	0.95	0.15	0.15	0.15		2.85		
	Shivapura										
	1st Cross road from Baglur Main road to Dead End										
	LHS										
		1	30.00	0.90	0.15	0.15	0.15		4.05		
		1	30.00	0.90	0.15	0.15	0.15		4.05		
		1	30.00	0.90	0.15	0.15	0.15		4.05		
		1	8.00	0.90	0.15	0.15	0.15		1.08		
		1	24.00	0.90	0.15	0.15	0.15		3.24		
									54.13		
	1st B Cross road from Main road to Dead End										
	RHS (House No#45)										

ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-24

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Item No	Description of Item	No	Length	Breadth	D1	D2	Avg Depth	Unit	Qty	Rate in Rs	Amount
		1	30.00	0.90	0.15	0.15	0.15		4.05		
		1	30.00	0.90	0.15	0.15	0.15		4.05		
		1	30.00	0.90	0.15	0.15	0.15		4.05		
		1	30.00	0.90	0.15	0.15	0.15		4.05		
		1	27.50	0.90	0.15	0.15	0.15		3.71		
		1	2.40	0.90	0.15	0.15	0.15		0.32		
		1	30.00	0.90	0.15	0.15	0.15		4.05		
		1	30.00	0.90	0.15	0.15	0.15		4.05		
	LHS										
		1	30.00	0.90	0.15	0.15	0.15		4.05		
		1	30.00	0.90	0.15	0.15	0.15		4.05		
		1	30.00	0.90	0.15	0.15	0.15		4.05		
		1	30.00	0.90	0.15	0.15	0.15		4.05		
		1	11.00	0.90	0.15	0.15	0.15		1.49		
	Continue	1	11.40	0.90	0.15	0.15	0.15		1.54		
		1	1.30	0.90	0.15	0.15	0.15		0.18		
		1	30.00	0.90	0.15	0.15	0.15		4.05		
		1	30.00	0.90	0.15	0.15	0.15		4.05		
		1	1.00	0.90	0.15	0.15	0.15		0.14		
	Dead End Road From Dead End										
	LHS										
		1	30.00	0.95	0.15	0.15	0.15		4.28		
		1	27.00	0.95	0.15	0.15	0.15		3.85		
	RHS										
		1	30.00	0.90	0.15	0.15	0.15		4.05		
		1	30.00	0.95	0.15	0.15	0.15		4.28		
		1	10.80	0.95	0.15	0.15	0.15		1.54		
	Cross Road-2 From Dead End to 2nd B Cross										
	LHS										
	From (House No#39)	1	28.30	0.90	0.15	0.15	0.15		3.82		
	From (House No#27)	1	23.30	0.90	0.15	0.15	0.15		3.15		
	RHS										
		1	30.00	0.90	0.15	0.15	0.15		4.05		
		1	30.00	0.90	0.15	0.15	0.15		4.05		
		1	6.00	0.90	0.15	0.15	0.15		0.81		
	2nd B Cross										
	RHS										
		1	30.00	0.90	0.15	0.15	0.15		4.05		
	For RCC Culvert										
	Muneshwara Nagara										
	4th A Cross road										
	Culvert @ School Road	1	7.70	1.60	0.25	0.25	0.25		3.08		
	Culvert @ Cross Road-1	1	6.50	1.60	0.25	0.25	0.25		2.60		
	Shivapura										
	1st B Cross road										
		1	5.50	1.20	0.25	0.25	0.25		1.65		
		1	5.80	1.60	0.25	0.25	0.25		2.32		
	For RCC Wall										
	For RCC Drain										
	Muneshwara Nagara										
	Govt Primery School Road From Dead End to Main Road										
	LHS										
		2	30.00	0.15	0.60	0.65	0.63		5.63		
		2	25.30	0.15	0.65	0.60	0.63		4.74		
	RHS										
		2	30.00	0.15	0.65	0.65	0.65		5.85		
		2	25.30	0.15	0.65	0.65	0.65		4.93		
	4th A Cross road From 4th Cross										
	RHS	2	26.70	0.15	0.60	0.60	0.60		4.81	129.49	

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ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-26

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Item No	Description of Item	No	Length	Breadth	D1	D2	Avg Depth	Unit	Qty	Rate in Rs	Amount
		2	25.00	0.15	0.65	0.65	0.65		4.88		
	Cross Road-1 From 4th A Cross road										
	LHS										
		2	30.00	0.15	0.62	0.62	0.62		5.58		
		2	22.00	0.15	0.62	0.60	0.61		4.03		
	RHS										
		2	30.00	0.15	0.60	0.60	0.60		5.40		
		2	20.00	0.15	0.60	0.60	0.60		3.60		
	Shivapura										
	1st Cross road from Baglur Main road to Dead End										
	LHS										
		2	30.00	0.15	0.60	0.60	0.60		5.40		
		2	30.00	0.15	0.60	0.60	0.60		5.40		
		2	30.00	0.15	0.60	0.55	0.58		5.18		
		2	8.00	0.15	0.55	0.55	0.55		1.32		
		2	24.00	0.15	0.55	0.55	0.55		3.96		
	1st B Cross road from Main road to Dead End										
	RHS (House No#45)										
		2	30.00	0.15	0.53	0.60	0.57		5.09		
		2	30.00	0.15	0.60	0.60	0.60		5.40		
		2	30.00	0.15	0.60	0.62	0.61		5.49		
		2	30.00	0.15	0.62	0.63	0.63		5.63		
		2	27.50	0.15	0.63	0.65	0.64		5.28		
		2	2.40	0.15	0.62	0.60	0.61		0.44		
		2	30.00	0.15	0.60	0.60	0.60		5.40		
		2	30.00	0.15	0.60	0.55	0.58		5.18		
	LHS										
		2	30.00	0.15	0.50	0.54	0.52		4.68		
		2	30.00	0.15	0.54	0.60	0.57		5.13		
		2	30.00	0.15	0.60	0.50	0.55		4.95		
		2	30.00	0.15	0.50	0.50	0.50		4.50		
		2	11.00	0.15	0.50	0.50	0.50		1.65		
	Continue	2	11.40	0.15	0.50	0.53	0.52		1.76		
		2	1.30	0.15	0.53	0.50	0.52		0.20		
		2	30.00	0.15	0.50	0.55	0.53		4.73		
		2	30.00	0.15	0.55	0.52	0.54		4.82		
		2	1.00	0.15	0.52	0.52	0.52		0.16		
	Dead End Road From Dead End										
	LHS										
		2	30.00	0.15	0.60	0.60	0.60		5.40		
		2	27.00	0.15	0.60	0.60	0.60		4.86		
	RHS										
		2	30.00	0.15	0.53	0.60	0.57		5.09		
		2	30.00	0.15	0.60	0.50	0.55		4.95		
		2	10.80	0.15	0.50	0.50	0.50		1.62		
	Cross Road-2 From Dead End to 2nd B Cross										
	LHS										
	From (House No#39)	2	28.30	0.15	0.50	0.55	0.53		4.46		
	From (House No#27)	2	23.30	0.15	0.50	0.55	0.53		3.67		
	RHS										
		2	30.00	0.15	0.50	0.50	0.50		4.50		
		2	30.00	0.15	0.50	0.58	0.54		4.86		
		2	6.00	0.15	0.58	0.60	0.59		1.06		
	2nd B Cross										
	RHS										
		2	30.00	0.15	0.60	0.62	0.61		5.49		
	For RCC Culvert										
	4th A Cross road										
	Culvert @ School Road	2	7.70	0.40	0.60	0.60	0.60		3.70	164.85	

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Item No	Description of Item	No	Length	Breadth	D1	D2	Avg Depth	Unit	Qty	Rate in	
	Culvert @ Cross Road-1	2	6.50	0.40	0.60	0.60	0.60		3.12		
	1st B Cross road										
		2	5.50	0.40	0.60	0.60	0.60		2.64		
		2	5.80	0.40	0.60	0.60	0.60		2.78		
	Ramp For RCC Culvert										
	4th A Cross road										
	Culvert @ School Road	2	7.70	0.80	0.15	0.15	0.15		1.85		
	Culvert @ Cross Road-1	2	6.50	0.90	0.15	0.15	0.15		1.76	12.15	2644787.00
								Present Qty =	**Cum**	**360.62**	**7334.00**	**2644785.98**
4	Providing T.M.T steel reinforcement for R.C.C workincluding straightening, cutting, bending, hooking, placing in position,lapping and / or welding wherever required, tying with binding wire andanchoring to the adjoining members wherever necessary complete asper design (laps, hooks and wastage shall not be measured and paid)cost of materials, labour, HOM of machinery complete as perspecifications										1581073
	Qty Taken from Pre measurement page Item No.4, Page No.5 to 7							**Tonne**	**23.83**	**66348.00**	**1581253.97**
5	Providing and fixing Precast RCC cover slabs of 100 mm thick for drain in cement concrete 1:1.5:3 using graded granite jelly 20mm and down size with steel reinforcement and pointing for joints 1:3 cement mortor including form work, lift charges,curing and concrtee finished surface on both sides etc,and complete as per the directions of Enginner in charges.(Data Rate)										
	For RCC Drain										
	Muneshwara Nagara										
	Govt Primery School Road From Dead End to Main Road										
	LHS										
		1	30.00	0.90					27.00		
		1	25.30	0.90					22.77		
	RHS										
		1	30.00	0.90					27.00		
		1	25.30	0.90					22.77		
	4th A Cross road From 4th Cross										
	RHS	1	26.70	0.90					24.03		
		1	25.00	0.90					22.50		
	Cross Road-1 From 4th A Cross road										
	LHS										
		1	30.00	0.90					27.00		
		1	22.00	0.90					19.80		
	RHS										
		1	30.00	0.90					27.00		
		1	20.00	0.90					18.00		
	Shivapura										
	1st Cross road from Baglur Main road to Dead End										
	LHS										
		1	30.00	0.90					27.00		
		1	30.00	0.90					27.00		
		1	30.00	0.90					27.00		
		1	8.00	0.90					7.20		
		1	24.00	0.90					21.60		
	1st B Cross road from Main road to Dead End										
	RHS (House No#45)										
		1	30.00	0.90					27.00		
		1	30.00	0.90					27.00		
		1	30.00	0.90					27.00		
		1	30.00	0.90					27.00		
		1	27.50	0.90					24.75		
		1	2.40	0.90					2.16		
		1	30.00	0.90					27.00		
		1	30.00	0.90					27.00	586.56	
	LHS										

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Item No	Description of Item	No	Length	Breadth	D1	D2	Avg Depth	Unit	Qty	Rate in Rs	Amount
		1	30.00	0.75					22.50		
		1	30.00	0.75					22.50		
		1	30.00	0.75					22.50		
		1	30.00	0.75					22.50		
		1	11.00	0.75					8.25		
	Continue	1	11.40	0.75					8.55		
		1	1.30	0.75					0.98		
		1	30.00	0.75					22.50		
		1	30.00	0.75					22.50		
		1	1.00	0.75					0.75		
	Dead End Road From Dead End										
	LHS										
		1	30.00	0.90					27.00		
		1	27.00	0.90					24.30		
	RHS										
		1	30.00	0.90					27.00		
		1	30.00	0.90					27.00		
		1	10.80	0.90					9.72		
	Cross Road-2 From Dead End to 2nd B Cross										
	LHS										
	From (House No#39)	1	28.30	0.90					25.47		
	From (House No#27)	1	23.30	0.75					17.48		
	RHS										
		1	30.00	0.90					27.00		
		1	30.00	0.90					27.00		
		1	6.00	0.90					5.40		
	2nd B Cross										
	RHS										
		1	30.00	0.90					27.00	397.87	
										934.47	
	BS Slab Deductions										
	Shivapura										
	1st Cross road from Baglur Main road to Dead End										
	LHS										
		-8	0.60	0.90					-4.32		
		-10	0.60	0.90					-5.40		
	1st B Cross road from Main road to Dead End										
	RHS (House No#45)										
		-5	0.60	0.90					-2.70		
		-12	0.60	0.90					-6.48		
		-17	0.60	0.90					-9.18		
	LHS										
		-6	0.60	0.75					-2.70		
		-12	0.60	0.75					-5.40		
	Dead End Road From Dead End										
	LHS										
		-5	0.60	0.90					-2.70		
	RHS										
		-6	0.60	0.90					-3.24		
	Cross Road-2 From Dead End to 2nd B Cross										
	LHS										
	From (House No#27)	-5	0.60	0.90					-2.70	44.82	
								Present Qty =	**Sqm**	**889.65**	**2384.00**	**2120925.60**
	Providing and fixing Precast RCC slab of 250mm thick for Culverts made of Plain/Reinforced Cement Concrete design mix M25 with OPC@340kgs,with 20mm and down size graded granite metal coarse aggregates @0.70cum and fine aggregates@0.47cum,with superplasticizer@3lts confirming to 189103-1999 Reaffirmed-2008,Open Foundation complete as per Drawing and Technical Specification including cost of all materials, labour,HOM curing,form works,scaffolding and centering complete as per specifications and pointing for ljoints 1:3 cement mortar including form work,lift charges,curing and concrete finished surfaces on both sides etc,complete and as per the directions of Engineer in-Charge. (Data Rate)										

ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಗ್ರಾ.ಪಂ.ಪಿ ಬ್ಯಾಡರಾಯನಪುರ ಉಪ ವಿಭಾಗ

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಡರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬೆಂಗಳೂರು-24

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Item No	Description of Item	No	Length	B1	B2	Avg Breadth	Depth	Unit	Qty	Rate in Rs	Amount
		1	5.80	4.30	4.90	4.60	0.10		2.67		
		1	2.60	2.20	2.20	2.20	0.15		0.86	3.53	
										60.79	
	Deductions										
	Trees Area	-4	0.30	0.30	0.30	0.30	0.15		-0.05		
		-2	0.50	0.50	0.50	0.50	0.15		-0.08		
	Ramp										
	LHS	-1	3.20	0.70	0.70	0.70	0.15		-0.34		
	RHS	-1	7.00	0.40	0.40	0.40	0.15		-0.42		
	RHS	-1	9.00	0.70	0.70	0.70	0.15		-0.95	1.83	322039.00
							Present Qty =	**Cum**	**58.96**	**5462.00**	**322031.33**
										Sub Total	**8448340.82**
										GST Charges 12%	**1013800.90**
										Grand Total	**9462141.71**

8448157.00
1013778.84
9461935.84
Round off 9461000.00

Assistant Engineer
Ward No.05

Assistant Executive Engineer
Bytarayanapura Sub-Division

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